

Date: Sat, 30 Jan 93 04:30:15 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #136  
To: Info-Hams

Info-Hams Digest                      Sat, 30 Jan 93                      Volume 93 : Issue 136

Today's Topics:

Daily Solar Geophysical Data Broadcast for 29 January  
Morse Code in the US Army  
No-codes  
Through-the-glass antennas  
Wilson T-1402SM  
Yaesu FT470 Mod's??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 30 Jan 93 09:23:44 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 29 January  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 029, 01/29/93  
10.7 FLUX=114.0 90-AVG=136 SSN=059 BKI=1121 2212 BAI=005  
BGND-XRAY=B1.9 FLU1=3.6E+05 FLU10=9.6E+03 PKI=0121 1212 PAI=004  
BOU-DEV=005,008,015,008,013,012,008,014 DEV-AVG=010 NT SWF=00:000  
XRAY-MAX= B7.9 @ 2057UT XRAY-MIN= B1.8 @ 1653UT XRAY-AVG= B2.1  
NEUTN-MAX= +002% @ 1905UT NEUTN-MIN= -002% @ 2025UT NEUTN-AVG= -0.1%  
PCA-MAX= +0.1DB @ 2035UT PCA-MIN= -0.2DB @ 0825UT PCA-AVG= +0.0DB  
BOUTF-MAX=55414NT @ 1519UT BOUTF-MIN=55393NT @ 1916UT BOUTF-AVG=55406NT  
GOES7-MAX=P:+109NT@ 1953UT GOES7-MIN=N:+004NT@ 1047UT G7-AVG=+085,+030,+010  
GOES6-MAX=P:+123NT@ 1745UT GOES6-MIN=E:-007NT@ 2048UT G6-AVG=+094,+002,+039  
FLUXFCST=STD:115,120,120;SESC:115,120,120 BAI/PAI-FCST=020,015,010/020,015,010  
KFCST=3334 5333 2224 5222 27DAY-AP=017,024 27DAY-KP=3235 4332 5445 3433

WARNINGS=  
ALERTS=  
!!END-DATA!!

-----  
Date: 30 Jan 93 05:07:06 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Morse Code in the US Army  
To: info-hams@ucsd.edu

The following was extracted from an article in the Feb 93 issue of 'Soldiers' magazine on Army training of Morse operators. No flames please, just for information.

"...It has been used in every major U.S. conflict since its invention, including Desert Storm.

According to Bonham, a Morse instructor at Fort Devens, Mass., the ability to intercept the code is critical for military intelligence gathering. Few other countries don't use it. Not only is Morse code internationally recognized, it's a basic communication method in Russian doctrine.

That's because Morse code is perfectly suited for tactical communication. It can be transmitted up to 150 miles point-to-point with just a receiver, antenna, and a "Morse key" that operators tap to send messages. The equipment is durable, lightweight and operates with only D-cell batteries.

Compared with many other advanced communication methods, Bonham said "Morse is less susceptible to jamming and atmospheric interference. ..."

Sid, WB2TNO  
sidb@pica.army.mil

-----  
Date: Fri, 29 Jan 1993 21:24:57 GMT  
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!hpuerca.atl.hp.com!edh@network.UCSD.EDU  
Subject: No-codes  
To: info-hams@ucsd.edu

In <14570603@hpnmdla.sr.hp.com> alanb@hpnmdla.sr.hp.com (Alan Bloom) writes:

>So how would you translate this sentence into Politically Correct language?

> "No-code Technicians may not transmit on the 10 meter band."  
>The only way I can think of is:  
> "Non-Technician-Plus Technicians may not transmit on the  
> 10 meter band."  
>Or maybe:  
> "Non-Technician-Pluss's may not..."

>Either way, it's pretty awkward. Or maybe instead of "no-code" you could  
>say "Morse-impaired" -- sort of like "visually impaired" instead of "blind."

\*HI Al\* Try this:  
Technicians who have not passed the 5 wpm code test may  
not transmit on the 10 meter band.

It is like elimination of sexism in writing: anyone can do it  
if they try.

Cheers! Ed Humphries - N5RCK - 73

-----  
Date: 29 Jan 93 11:34:55 GMT  
From: ogicse!clark!spool.mu.edu!darwin.sura.net!rouge!jab0684@network.UCSD.EDU  
Subject: Through-the-glass antennas  
To: info-hams@ucsd.edu

In summary and In response to Terrence's posting about Larson on glass  
antennas, let me summarize by saying I've gotten about 5 or 6 posts  
here saying that they do indeed work. However I've also seen 2 other  
posts besides mine(one hear and one on rec.scanner) saying that they  
do NOT stay in place on your glass. Furthermore if you loose it  
you are out for the \$\$\$. So I guess the real question is are you  
a superb antenna installer and do you feel lucky.

73's DE kb5udf  
Jean

-----  
Date: 29 Jan 93 18:05:58 GMT  
From: noao!ncar!zaphod.mps.ohio-state.edu!sdd.hp.com!cs.utexas.edu!bcm!lib!  
oac.hsc.uth.tmc.edu!jmaynard@arizona.edu  
Subject: Wilson T-1402SM  
To: info-hams@ucsd.edu

In article <tech.728326955@aupair.cs.athabascau.ca> tech@aupair.cs.athabascau.ca  
(Richard Loken) writes:  
>I used to buy crystals from Sentry Crystals and International Crystals before

>I found a Canadian manufacturer. These two should be listed in the ARRL  
>Handbook I expect. The only supplier listed in the latest QST is Jan Crystals  
>at 1 (800)JAN-XtAL (now isn't that inspired).

Hm. I wonder if they did it first, or International ((800) ICM-XTAL -  
different from JAN by only one digit!)

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can  
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.  
"begin 666 foo 266]U(&AA=F4@;F\@;&EF92X\* ` end" -- Daniel Drucker

-----  
Date: Fri, 29 Jan 1993 16:39:39 GMT  
From: csus.edu!nic.csu.net!eis.CalState.EDU!sadams@decwrl.dec.com  
Subject: Yaesu FT470 Mod's??  
To: info-hams@ucsd.edu

-----  
Date: 29 Jan 93 13:54:40 GMT  
From: pacbell.com!att-out!cbfsb!cbnewsb.cb.att.com!feg@decwrl.dec.com  
To: info-hams@ucsd.edu

References <44051@zygot.ati.com>, <C1KBL8.HrC@acsu.buffalo.edu>,  
<1993Jan28.222743.5974@ke4zv.uucp>  
Subject : Re: Ham Radio Causes Cancer

In article <1993Jan28.222743.5974@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman)  
writes:

>

>

>What we do \*know\* is that thermal effects at high power densities  
>are real, so we should avoid them. What we also \*know\* is that  
>any secondary effects are smaller than other risk factors we face  
>daily, otherwise amateurs would all be dead from cancer already.  
>Since we obviously are not, and amateurs as a group are elderly  
>with long exposure histories, we can with confidence state that  
>any possible non-thermal risks are small.

>

>Gary

Besides the risk of the heating effects of high RF power, the only  
other bad effect I have witnessed was in the early days of  
magnetron manufacture. Testers would routinely look into the output  
window of high pulsed power magnetrons if the tube was acting as

though it was gassy by looking for ionization inside the tube.  
This induced cataracts in their eyes if they got too close to the  
window. Because this effect showed up only after an extended period  
of time it took awhile to connect cause and effect.

Forrest Gehrke feg@dodger.att.com k2bt

-----  
Date: 29 Jan 93 18:07:57 GMT  
From: noao!ncar!zaphod.mps.ohio-state.edu!sdd.hp.com!cs.utexas.edu!bcm!lib!  
oac.hsc.uth.tmc.edu!jmaynard@arizona.edu  
To: info-hams@ucsd.edu

References <UfNz9jK00WCq084EoH@andrew.cmu.edu>,<Ef0HImS00WCq81V0xZ@andrew.cmu.edu>, <paulf.728328061@abercrombie.Stanford.EDU>om  
Subject : Re: LICENSE DELAYS

In article <paulf.728328061@abercrombie.Stanford.EDU>  
paulf@abercrombie.Stanford.EDU (Paul Flaherty) writes:  
>Calls of the form NnxZx can be pretty tricky to pronounce. If it helps if  
>you pronounce the call "N Three N Zed Vee" rather than "N Zee Vee"; other  
>people will follow your lead. Enjoy!

I use "K Five Zed C" for the same reason. That one can be even more confusing  
without either the zed or phonetics.

--  
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can  
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.  
"begin 666 foo 266]U(&AA=F4@;F\@;&EF92X\* ` end" -- Daniel Drucker

-----  
End of Info-Hams Digest V93 #136  
\*\*\*\*\*